1. Course Number and Name

291 – Field Training 1

2. Credits (Contact Hours/Week for Fall/Spring Semester)

1 (8)

3. Course Coordinator

Many, Doctor.

4. Textbook and Supplemental Materials

- Handouts and World Wide Web.

5. Course Information

Catalog Description: The purpose of this course is to help students to work successfully in the outside community and work environment, also this course introduces description of practical Architectural engineering problems, solution for real engineering problems, data interpretation and utilization, adaptation to write technical report.

Prerequisites: None.

Corequisites: None. **Pre or Corequisites:** None.

Type of Course: Required.

6. Course Objectives and Outcomes

Students who successfully complete this course will be able to:

- Describe practical Architectural engineering problems
- Reproduce solution for real architectural engineering problem
- Analyse and Interpret data, and use engineering judgment to draw conclusions
- Use project management techniques to architectural systems.
- Use project management techniques to work as team in site project.
- Show the ability to work independently as a part of a team
- Demonstrate the ability to recognize ethical and professional responsibilities of architect.
- Operate effectively with a range of audiences

This course supports student outcomes by developing:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to communicate effectively with a range of audiences.
3. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
4. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
5. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

7. List of Topics

The major topics covered in this course are:

- The major topics covered in this course are various in the field of electronics and communication engineering.

8. Topics Plan

List of Topics	No. of Weeks	Contact Hours
Joining Notification / Attendance Form and Weekly evaluation	1	Full Time
Attendance Form and Weekly evaluation	2	Full Time
Summer Training Follow - up Report # (1) / Attendance Form and Weekly evaluation	3	Full Time
Attendance Form and Weekly evaluation	4	Full Time
Report on student progress / Attendance Form and Weekly evaluation	5	Full Time
Attendance Form and Weekly evaluation	6	Full Time
Summer Training Follow - up Report # (2)	7	Full Time
Field Supervisor Evaluation / Attendance Form and Weekly evaluation	8	Full Time

9. Grades Distribution

Assessment	Grade %
Field Supervisor Evaluation	25%
Academic Supervisor Evaluation	25%
Technical Report	20%
Oral Presentation	20%
Performed Task(s)	10%

1. Course Number and Name

391 – Field Training 2

2. Credits (Contact Hours/Week for Fall/Spring Semester)

1 (8)

3. Course Coordinator

Many, Doctor.

4. Textbook and Supplemental Materials

- Handouts and World Wide Web.

5. Course Information

Catalog Description: The purpose of this course is to help students to work successfully in the outside community and work environment, also this course introduces description of practical communication and electronics engineering problems, solution for real engineering problems, data interpretation and utilization, adaptation to write technical report.

Prerequisites: None.

Corequisites: None. **Pre or Corequisites:** None.

Type of Course: Required.

6. Course Objectives and Outcomes

Students who successfully complete this course will be able to:

- Describe practical Architectural engineering problems
- Reproduce solution for real architectural engineering problem
- Analyse and Interpret data, and use engineering judgment to draw conclusions
- Use project management techniques to architectural systems.
- Use project management techniques to work as team in site project.
- Show the ability to work independently as a part of a team
- Demonstrate the ability to recognize ethical and professional responsibilities of architect.
- Operate effectively with a range of audiences

This course supports student outcomes by developing:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to communicate effectively with a range of audiences.
3. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
4. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
5. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

7. List of Topics

The major topics covered in this course are:

- The major topics covered in this course are various in the field of electronics and communication engineering.

8. Topics Plan

List of Topics	No. of Weeks	Contact Hours
Joining Notification / Attendance Form and Weekly evaluation	1	Full Time
Attendance Form and Weekly evaluation	2	Full Time
Summer Training Follow - up Report # (1) / Attendance Form and Weekly evaluation	3	Full Time
Attendance Form and Weekly evaluation	4	Full Time
Report on student progress / Attendance Form and Weekly evaluation	5	Full Time
Attendance Form and Weekly evaluation	6	Full Time
Summer Training Follow - up Report # (2)	7	Full Time
Field Supervisor Evaluation / Attendance Form and Weekly evaluation	8	Full Time

9. Grades Distribution

Assessment	Grade %
Field Supervisor Evaluation	25%
Academic Supervisor Evaluation	25%
Technical Report	20%
Oral Presentation	20%
Performed Task(s)	10%